

# NANA OBENG-MARNU

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## EDUCATION

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Ashesi University Berekuso, Eastern Region  
BSc. Management Information Systems June 2019  
GPA : 2.75

### Relevant Courses:

Investments      Design Thinking      Information Security      Programming      Ecommerce

## ACHIEVEMENT/AWARDS

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- CFA Institute Investment Foundations Certificate 2019
- Team Lead (Team Ashesi) – HR Focus/ Standard Chartered Business Challenge 2019
- Head Protocol Prefect - Alpha Beta Christian College 2014/2015
- Deputy Head Prefect - Alpha Beta Christian College 2014/2015

## WORK EXPERIENCE

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**Deloitte – Accra, Ghana** September 2019 - Present

Technology Consultant (National Service)

- Personal initiative of developing a Resume (CV) Parser to reduce the time spent on the manual extracting of information from a resume to the required World Bank resume template.
- Developed and deployed an employee timesheet management application on the Microsoft SharePoint environment. Features of the application entailed log sheets, leave requests and approvals, generating invoices, expense requests and approvals.
- Performed descriptive statistical analysis on survey responses using Excel and business intelligence tools such as Power BI and Tableau.
- Participated in developing EOI's (Expression of Interest) proposals and performed due diligence when undertaking research.

**Ashesi Innovation Experience – Berekuso, Ghana** August 2018  
Entrepreneurship Coach and Residential Advisor

- Assisted participants in identifying problem spaces and developing sustainable solutions to problems using the design thinking module

**Ashesi University – Berekuso, Ghana** September 2017  
Introduction to Programming Work-study Tutor

- Introduced first year students to basic programming concepts using the JavaScript, HTML and CSS languages
- Assisted students in developing their final semester programming projects

**Capital Bank – Spintex, Ghana** July 2017  
Product Innovation and Development Intern

- Ideated technical solutions based on customer requirements to improve the bank's service
- Learnt the basis of web application deployment and documented the bank's API for its mobile banking application using Postman

## PROJECTS AND RESEARCH

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**Resume Parser – Personal Project** February 2020  
Reduced time spent on manually extracting relevant information from resumes

- Developed a web application using Python's Flask framework and Jinja template engine. The user interface was designed using HTML/CSS, Bootstrap and JavaScript.

**PyNalysis – Personal Project** April 2020  
Performed automated financial statement analysis on investment banks

- Financial statement data was retrieved through calls to an API. An analysis was done through the calculation of relevant financial ratios and the display of charts to visualize the growth/decline of the firm. The application was developed using Python's Flask framework, Jinja template engine and JavaScript.

**QuickConnect – Personal Project (in progress)**

July 2020

Video Sharing code editor

- Developing a video calling application using the Web RTC framework embedded with a python code editor to enable users to share the screens and solve coding issues/questions together.
- The application entails user authorization and authentication using passport.js and Json web tokens.
- The application is developed using React.js, Node.js, Express.js and MongoDB.

**Capstone Project - Ashesi University College**

September 2018

Improving Student Productivity through Digital Mapping

- Developed a web application where students can easily determine the congestion of study spaces, a centralized booking system and access readily available information concerning activities on campus

**CO-CURRICULAR ACTIVITIES**

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| • Member, Tech Era (Outreach Organization) - Ashesi University College           | 2016-2017 |
| • Residential Assistant – Off Campus Committee, Ashesi Student Council           | 2016-2017 |
| • Innovation and Technology – Public Relations Committee, Ashesi Student Council | 2017-2018 |
| • Event Planning and Logistics – Entertainment Committee, Ashesi Student Council | 2017-2018 |

**SKILLS**

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Sports: Full back, Ashesi Premier League

Technology: Microsoft Office Suite (Proficient), IT Infrastructure (Intermediate)

Version Control: Git and GitHub

Languages: Python, JavaScript, SQL, HTML/CSS, Java (intermediate)

Frameworks and Libraries: Flask, React, Node.js, Express.js, Bootstrap, jQuery, Passport.js, json web tokens

Databases: MySQL, MongoDB

Environments: Microsoft SharePoint, AWS (S3, DynamoDB, appSync, Lambda)

API Testing: Postman

Web App Testing: Burp Suite (intermediate)

Data Analysis: Tableau Desktop, Tableau Prep, Power BI, Python (Pandas and Matplotlib)

**References**

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Available Upon Request